

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0507579

Insp Area: 4

Thos Bros: 297J1

Site Address: 1812 TRIBUTE RD SAC St: C

Parcel No: 277-0282-005 suite C

Sub-Type: REM

Housing (Y/N): N

CONTRACTOR
REF AND SONS INC
4621 ORANGE GROVE AV
SAC, CA 95841

OWNER
JACK CARROL
1735 VON KARMAN AVE 110
IRVINE, CA 92614

ARCHITECT

Nature of Work: T/I New partitions, ceiling, restrooms, one new hvac & restripe h.c. packing

CONSTRUCTION LENDING AGENCY : I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class B License Number 468850 Date 8/3/05 Contractor Signature [Signature]

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

I am exempt under Sec. _____ B & PC for this reason: PAID CITY OF SACRAMENTO

Date _____ Owner Signature AUG 03 2005

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 8/3/05 Applicant/Agent Signature [Signature]

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier CLARENDON NATIONAL Policy Number 07kr0002433 Exp Date 06/01/2006

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 8/3/05 Applicant Signature [Signature]

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.



Air Systems of Sacramento, Inc.

3850 Happy Lane
Sacramento, CA 95827

Exhaust Fan / Package Unit Outlet Test Sheet with Power Exhaust

UNIT: AC-4
AREA: _____
PAGE _____ OF _____

Job Number: 5054160 WN,TC
Job Name: S.G.I
Date: 9-20-05
Tech: LANCE & JOE

MOTOR NAMEPLATE DATA

MFG GE FR 50Y
HP 2.4 V FLA 5.2
PH 3 SF 1.15 RPM 1725

SHEAVE DATA:

DIA 1 VP 44 SHAFT 5/8"
ADJ % 40% FIXED N/A

FAN NAMEPLATE DATA

MFG BDP
MODEL# 580DPV120180A13AA
TYPE PACKAGE
SIZE 10 TON

SHEAVE DATA:

DIA AM74 SHAFT 1"
BELTS A 49

FAN DESIGN DATA

CFM 4000 MIN.OA 1740 SP DNL IN. WC RPM DNL BHP DNL

Data	Test 1	Test 2	ECON. MODE
Volts	209 210 210	209 210 / 210	
Amps	4.6 / 4.7 / 4.6	5.0 / 4.8 / 5.2	
B.H.P.	2.13	2.30	
Rm. Pres.	N/A	N/A	
R.P.M.	765	765	
S.P. -		0.22	
S.P. +		0.32	
T.S.P.		0.54	
Filter S.P.		0.10	
CFM Total	3975	3840	
CFM R.A.		2084
CFM O.A.		1756	100%
CFM P.E.	N/A		

ROOM	OPENING			FACTOR	DESIGN		TEST 1		TEST 2		TEST 3	
	NO.	TYPE	SIZE		FPM	CFM	FPM	CFM	FPM	CFM	FPM	CFM
	6		10"φ	1.0		260		440		280		
	7					350		380		360		
	8		6"φ			100		120		110		
	9		10"φ			350		330		360		
	10					300		345		320		
	11		↓			350		390		350		
	12		14"φ			560		220		600		
	13		12"φ			560		230		600		
	14		16"φ			60		140		65		
	15		↓			100		160		110		

POWER EXHAUST FAN DATA N/A

MFG. _____ MODEL _____ HP _____ F.L.A. _____
CFM @ MIN. _____ ROOM PRES. @ MIN. _____ IN. WC _____ Hz _____
CFM @ MAX _____ ROOM PRES. @ MAX. _____ IN. WC _____ Hz _____

REMARKS: O.S.A INTAKE FILTER SIZE = 17" x 12" = 2.0 AK
REQUIRED VELOCITY = 870 FPM TESTED VELOCITY = 878 FPM =
1756 CFM OUTSIDE AIR



Air Systems of Sacramento, Inc.

3850 Happy Lane
Sacramento, CA 95827

Exhaust Fan / Package Unit Outlet Test Sheet with Power Exhaust

UNIT: AC-3
 AREA: ENTRANCE & OFFICES
 PAGE 1 OF

Job Number: 5054.600
 Job Name: S.G.I
 Date: 9-19-05
 Tech: LANCE & JOE

MOTOR NAMEPLATE DATA

MFG BRYANT FR DNL
 HP DNLV 208 FLA 10.2
 PH 1 SF TIP RPM 1075

SHEAVE DATA:

DIA D.D SHAFT D.D
 ADJ % D.D FIXED D.D

FAN NAMEPLATE DATA

MFG BDP
 MODEL# 548DPX036000AAAA
 TYPE PACKAGE
 SIZE

SHEAVE DATA:

DIA D.D SHAFT D.D
 BELTS D.D

FAN DESIGN DATA

CFM DNL MIN.OA DNL SP DNL IN. WC RPM DNL BHP DNL

Data	Test 1	Test 2	ECON. MODE
Volts	208	208	
Amps	8.3	8.6	
B.H.P.	DNA	DNA	
Rm. Pres.			
R.P.M.		HIGH SPD	
S.P. -		0.18	
S.P. +		0.18	
T.S.P.		0.36	
Filter S.P.		0.11	
CFM Total	1160	1120	
CFM R.A.	/	/	-----
CFM O.A.	/	/	100%
CFM P.E.	/	/	

ROOM	OPENING			FACTOR	DESIGN		TEST 1		TEST 2		TEST 3	
	NO.	TYPE	SIZE		FPM	CFM	FPM	CFM	FPM	CFM	FPM	CFM
	1	ED	12"Ø	1.0		350		220		320		
	2	↓	10"Ø	↓		350		260		310		
	3	↓	↓	↓		180		260		165		
	4	↓	↓	↓		180		280		165		
	5	↓	8"Ø	↓		170		140		160		
						/		/		/		
						1230		1160		1120		

POWER EXHAUST FAN DATA N/A

MFG. MODEL HP F.L.A.
 CFM @ MIN. ROOM PRES. @ MIN. IN. WC Hz
 CFM @ MAX ROOM PRES. @ MAX. IN. WC Hz
 REMARKS:

